Interconnection - Other Services

Installation Guidelines apply where facilities/network capacity is in place (unless otherwise specified).

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
CLEC to CLEC Direct Connections*	Feasibility		N/A	Ten (10) Calendar Days from Receipt of Complete Application	N/A
Requires New Cable Racking	Quote		N/A	Ten (10) Calendar Days from Receipt of Complete Application	N/A
* Stated intervals apply to orders received through the Collocation Application Form. CLEC to CLEC Cross Connections are ordered through the ASR Process.	Ready for Service		N/A	Sixty (60) Calendar Days from Quote Acceptance	N/A
		34.5			
CLEC to CLEC Direct Connections*	Feasibility		N/A	Ten (10) Days from Receipt of Complete Application	N/A
Adequate Cable Racking Exists	Quote		N/A	Ten (10) Calendar Days from Receipt of Complete Application	N/A
* Stated intervals apply to orders received through the Collocation Application Form. CLEC to CLEC Cross Connections are ordered through the ASR Process.	Ready for Service		N/A	Upon Receipt of Quote Acceptance/100% Payment	N/A

Interconnection - Other Services

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Direct Connections	Feasibility		N/A	Ten (10) Days from Receipt of Complete Application	N/A
Requires New Cable Racking	Quote		N/A	Ten (10) Days from Receipt of Complete Application	N/A
	Ready for Service		N/A	If DS0 Level, Sixty (60) Calendar Days from Quote Acceptance	N/A
Direct Connections	Feasibility		N/A	Ten (10) Days from Receipt of Complete Application	N/A
Adequate Cable Racking Exists	Quote		N/A	Ten (10) Days from Receipt of Complete Application	N/A
Racking Exists	Ready for Service		N/A	Above DS0 Level, Thirty (30) Calendar Days from Quote Acceptance/100% Payment	N/A

Interim Number Portability (INP)

Product	Activity/ Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
One Fixed Rate Residential (1FR) or One Fixed Rate Business (1FB)		1 to 49 Lines Ported	24 hours	Three (3) Business Days	24 hours for Ported TNs OOS
		50 or more Lines Ported	192 hours	ICB	24 hours for Ported TNs OOS
			192 nours		
Complex Services		1 to 8 Lines or Trunks Ported	24 hours	Five (5) Business Days	24 hours for Ported TNs OOS
(i.e., PBX, Trunks,		9 to 16 Lines or Trunks Ported	48 hours	Six (6) Business Days	24 hours for Ported TNs OOS
ISDN, etc.)		17 to 24 Lines or Trunks Ported	48 hours	Seven (7) Business Days	24 hours for Ported TNs OOS
		25 or more Lines or Trunks Ported	192 hours	ICB	24 hours for Ported TNs OOS
			,		
Centrex		1 to 10 Lines Ported	72 hours	Five (5) Business Days	24 hours for Ported TNs OOS
		11 to 20 Lines Ported	120 hours	Ten (10) Business Days	24 hours for Ported TNs OOS
		21 or more Lines Ported	192 hours	ICB	24 hours for Ported TNs OOS
				T ton	
Out of Hours Conversion, and, 400 or more Telephone Numbers		Any	192 hours	ICB	24 hours for Ported TNs OOS

Notes: All LSR's received for INP service trigger review of the CLEC's LIS trunking network to determine if direct end office-to-CLEC trunking exists or is required.

Standard hours of business for INP are M-F, 7:00 a.m. - 7:00 p.m. for the time zone where the activity is going to take place.

Local Number Portability (LNP)

Product	Activity/ Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Simple (1FR / 1FB)		1 to 5 Lines	24 hours	Three (3) Business Days	24 hours for Ported TNs OOS
		6 to 50 Lines Ported	24 hours	Four (4) Business Days	24 hours for Ported TNs OOS
		51 or more Lines Ported	ICB	ICB	24 hours for Ported TNs OOS
				1. 化一种一种一种一种	Contract the Accordance to the Accordance
Complex Services (PBX, Trunks, ISDN,		1 to 25 Lines or Trunks Ported	24 hours	Five (5) Business Days	24 hours for Ported TNs OOS
Centrex)		26 or more Lines or Trunks Ported	ICB	ICB	24 hours for Ported TNs
		<u>i , </u>		<u></u>	OOS
	All Con-				OOS

Per the North American Numbering Council (NANC) guidelines, the FOC date starts the due date calculation for Local Number Portability.

If the CLEC issues an LSR prior to 7:00 p.m. Mountain Time, that day will be counted as Day zero.

CLECs may request any Due Date / Frame Due Time (DD/FDT) where the trigger can be set automatically, however due date calculations are based on Business Days excluding Saturdays, Sundays, and holidays. For a list of holidays see page 6

Interconnection – Metro Optical Ethernet (MOE)

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Metro Optical Ethernet (MOE)	New Installation No existing facilities		192 hours	ICB	4 hours
	New Installation With existing facilities		48 Hours	Twelve (12) Business days	4 hours
	Changes to existing service or Conversion As Specified as long as facilities exist		48 Hours	Ten (10) Business Days	4 hours
	Conversion As Is		48 Hours	Five (5) Business Days	4 hours

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Kepair Guidelines
Lebundiell sest	hand have been a seen		A CALL TO CALL AND A		
2-Wire VG Analog Loop	N/A	1 to 8 Lines	24 hours	Five (5) Business Days Minnesota Only: Where facilities are not available, Fifteen (15) Business Days Colorado Only: Four (4)	24 hours OOS 48 hours AS
	N/A	9 to 16 Lines	24 hours	Business Days Six (6) Business Days Minnesota Only: Where facilities are not available, Sixteen (16) Business Days Colorado and Utah Only: Five (5) Business Days	24 hours OOS 48 hours AS

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Unbundled Local Loop (UBL)	**** ** 4. \$1.50 **	AND THE STREET S	Andrew Rolling	THE RESERVE	
2-Wire VG Analog Loop	N/A	17 to 24 Lines	24 hours	Seven (7) Business Days	24 hours OOS 48 hours AS
(Continued)				Minnesota Only: Where Facilities are not available, Seventeen (17) Business Days	
				Colorado and Utah Only: Five (5) Business Days	
	N/A	25 or more Lines	72 hours	ICB	24 hours OOS 48 hours AS

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Unbundled Local Loop (UBL)					4.0
4-Wire VG Analog	N/A	1 to 8 Lines	24 hours	Five (5) Business Days	4 hours
Loop				Minnesota Only: Where facilities are not available, Fifteen (15) Business Days	
				Colorado Only: Four (4) Business Days	
	N/A	9 to 16 Lines	24 hours	Six (6) Business Days	4 hours
				Minnesota Only: Where facilities are not available, Sixteen (16) Business Days	
				Utah Only: Five (5) Business Days	
	N/A	17 to 24 Lines	24 hours	Seven (7) Business Days Minnesota Only: Where facilities are not available, Seventeen (17) Business Days Colorado Only: Six (6) Business Days	4 hours
				Utah Only: Five (5) Business Days	
	N/A	25 or more Lines	192 hours	ICB	4 hours

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Unbuildled Local Loop (UBL)		· Company of Street	A Victoria	A Property and	
2-Wire / 4-Wire Non Loaded Loop	N/A	1 to 8 Lines No Conditioning Required	72 hours *	Five (5) Business Days Minnesota Only: Where facilities are not available, Fifteen (15) Business Days	4 hours
		1 to 8 Lines Conditioning Required	72 hours *	Fifteen (15) Business Days Minnesota Only: Where facilities are not available, Fifteen (15) Business Days	4 hours
	N/A	9 to 16 Lines No Conditioning Required	72 hours *	Six (6) Business Days Minnesota Only: Where facilities are not available, Sixteen (16)	4 hours
		9 to 16 Lines Conditioning Required	72 hours *	ICB Minnesota Only: Where facilities are not available, Sixteen (16) Business Days	4 hours
	N/A	17 to 24 Lines No Conditioning Required	72 hours *	Seven (7) Business Days Minnesota Only: Where facilities are not available, Seventeen (17) Business Days	4 hours
	:	17 to 24 Lines Conditioning Required	72 hours *	ICB Minnesota Only: Where facilities are not available, Seventeen (17) Business Days	4 hours
	N/A	25 or more Lines	192 hours *	ICB	4 hours
			Utah Only: 72 hours	Utah Only: Seven (7) Business Days	

^{*} FOC may vary due to other agreements

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Unbundled Local Loop (UBL)					
Quick Loop (No Dispatch Required)	N/A	1 to 8 Lines	24 hours	Three (3) Business Day	24 hours OOS 48 hours AS
•	N/A	9 to 16 Lines	24 hours	Three (3) Business Days	24 hours OOS 48 hours AS
	N/A	17 to 24 Lines	24 hours	Three (3) Business Days	24 hours OOS 48 hours AS
	N/A	25 or more Lines	72 hours	ICB Utah Only: Ten (10) Business Days	24 hours OOS 48 hours AS
Quick Loop + LNP (No Dispatch Required)	N/A	1 to 8 Lines	24 hours	Three (3) Business Days	24 hours OOS 48 hours AS
	N/A	9 to 24 Lines	24 hours	Four (4) Business Days	24 hours OOS 48 hours AS
	N/A	25 or more Lines	ICB	ICB	24 hours OOS 48 hours AS

Unbundled Services

Product Unbundled Local Loop	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
(UBL)					and the second
DS1 Capable Loop	N/A	1 to 8 Lines	72 hours	Nine (9) Business Days Minnesota Only: Where facilities are not available Fifteen (15) Business Days	4 hours
				Arizona, Colorado, Minnesota, New Mexico, South Dakota, Utah and Washington Only: Five (5) Business Days	
	N/A	9 to 16 Lines	72 hours	Nine (9) Business Days Minnesota Only: Where facilities are not available Sixteen (16) Business Days Arizona, Colorado and South Dakota Only: Seven (7) Business Days Minnesota and Washington Only: Six (6) Business Days Utah and New Mexico: Five (5) Business Days	4 hours
	N/A	17 to 24 Lines	72 hours	Nine (9) Business Days Minnesota Only: Where facilities are not available Seventeen (17) Business Days Colorado, Minnesota and Washington only: Seven (7) Business Days Utah and New Mexico: Five (5) Business Days	4 hours
	N/A	25 or more Lines	192 hours Utah and New Mexico Only: 72 hours	ICB Utah and New Mexico: Five (5) Business Days	4 hours

The Resale, UNE and Interconnection Service guidelines contained herein are subject to change at anytime by Qwest. Please refer to the Web location (http://www.qwest.com/wholesale/guides/sig/index.html) for the most current copy.

Product Unbundled Local Loop (UBL)	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
DS3 Capable Loop	N/A	1 to 3 Lines	24 hours	Seven (7) Business Days	4 hours
				Minnesota Only: Where facilities are not available Forty-Five (45) Business Days	
	N/A	4 or more Lines	192 hours	ICB	ICB
			Utah Only: 72 hours	Utah Only: Seven (7) Business Days	

Product Unbundled Local Loop (URL)	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
ADSL Compatible Loop	N/A	1 to 8 Lines No Conditioning Required	72 hours *	Five (5) Business Days Minnesota Only: Where facilities are not available Fifteen (15) Business Days	4 hours
		1 to 8 Lines Conditioning Required	72 hours *	Fifteen (15) Business Days Minnesota Only: Where facilities are not available fifteen (15) Business Days	4 hours
	N/A	9 to 16 Lines No Conditioning Required	72 hours *	Six (6) Business Days Minnesota Only: Where facilities are not available Sixteen (16) Business Days	4 hours
		9 to 16 Lines Conditioning Required	72 hours *	ICB Minnesota Only: Where facilities are not available Sixteen (16) Business Days	4 hours
	N/A	17 to 24 Lines No Conditioning Required	72 hours *	Seven (7) Business Days Minnesota Only: Where facilities are not available Seventeen (17) Business Days	4 hours
		17 to 24 Lines Conditioning Required	72 hours *	ICB Minnesota Only: Where facilities are not available Seventeen (17) Business Days	4 hours
	N/A	25 or more Lines	192 hours *	ICB	4 hours
* FOC many years has to			Utah Only 72 hours *	Utah Only: Seven (7) Business Days	

^{*} FOC may vary due to other agreements

	Activity/Features Local Loop.	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
XDSL-I Capable Loop/	N/A	1 to 8 Lines No Conditioning Required	72 hours *	Five (5) Business Days Minnesota Only: Where facilities are not available Fifteen (15) Business Days	4 hours
ISDN- BRI Capable Loop		1 to 8 Lines Conditioning Required	72 hours *	Fifteen (15) Business Days Minnesota Only: Where facilities are not available Fifteen (15) Business Days	4 hours
	N/A	9 to 16 Lines No Conditioning Required	72 hours *	Six (6) Business Days Minnesota Only: Where facilities are not available Sixteen (16) Business Days	4 hours
ı		9 to 16 Lines Conditioning Required	72 hours *	ICB Minnesota Only: Where facilities are not available Sixteen (16) Business Days	4 hours
	N/A	17 to 24 Lines No Conditioning Required	72 hours *	Seven (7) Business Days Minnesota Only: Where facilities are not available Seventeen (17) Business Days	4 hours
		17 to 24 Lines Conditioning Required	72 hours *	ICB Minnesota Only: Where facilities are not available Seventeen (17) Business Days	
	N/A	25 or more Lines	192 hours * Utah Only 72 hours *	ICB Utah Only: Seven (7) Business Days	4 hours

^{*} FOC may vary due to other agreements

Unbundled Services

Product Unbundled Local Loop (URL)	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
OCn Capable Loops	N/A	1 or more Lines	192 hours *	ICB Utah Only: OC3 – Fifteen (15) Business Days OC12 + - ICB	4 hours

^{*} FOC may vary due to other agreements

Damain

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Shared Loop/Line	No conditioning		24 hours	Three (3) Business Days	24 hours OOS 48 hours AS
Sharing	With conditioning			Fifteen (15) Business Days	40 110413 715
	With Line Move / UDC Removal		-	Five (5) Business Days	
Shared Distribution Loop	No conditioning		24 hours	Five (5) Business Days	24 hours OOS 48 hours AS
	With conditioning			Fifteen (15) Business Days	
	With Line Move / UDC Removal			Five (5) Business Days	
Line Splitting	No conditioning		24 hours	Three (3) Business Days	24 hours OOS 48 hours AS
	With conditioning			Fifteen (15) Business Days	
	With Line Move / UDC Removal			Five (5) Business Days	
Loop Splitting			24 hours	Five (5) Business Days	24 hours OOS 48 hours AS
DS1 Capable Feeder loop			24 hours	See DS1 Capable Loop	See DS1 Capable Unbundled Loop
2-Wire analog/4-Wire			24 hours	Two (2) Business Days or Appointment Scheduler	24 hours OOS 48 hours AS
Distribution Loop					
2-Wire / 4 Wire Campus			24 hours	Five (5) Business Days or	24 hours OOS
Wire Sub-Loop (Arizona				Appointment Scheduler	48 hours AS
& Nebraska) Only					
Intra-Building Cable			24 hours	Five (5) Business Days or	24 hours OOS
(IBC) 2 -Wire Qwest				Appointment Scheduler	48 hours AS
Dispatch					<u> </u>

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
MTE -POI -	Determine who owns the			Ten (10) Business Days	
Determine Cable	cable at the MTE site			Five (5) Business Days if	
Ownership	1			CLEC provides info	
-	1			Two (2) Business Days if	
		·		Qwest has been at site before	
MTE-POI				Five (5) Business Days to	
Inventory of CLEC		•		create inventory	
Cable					
MTE-POI				Fourty-Five (45) Business	
Rearrangement of				Days	
Facilities					
MTE-POI Construction				ICB	•
of Sub-Loop Point of					
Interconnection (SPOI)					
Sub-Loop				RFS plus Fifteen (15)	
Reservations				Business Days	
(Colorado Only)					

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Unbundled Dedicated Interoffice			120 cm. 120 cm. 180 cm.		
Transport (UDIT, Rearrangements and UCCRE)					
DS0 or VG Equivalent		1 to 8 Circuits	48 Hours	Zone 1: Five (5) Business Days	4 hours Zone 1
-				Zone 2: Six (6) Business Days	4 hours Zone 2
		9 to 16 Circuits	48 Hours	Zone 1: Six (6) Business Days	4 hours Zone 1
				Zone 2: Seven (7) Business Days	4 hours Zone 2
		17 to 24 Circuits	48 Hours	Zone 1: Seven (7) Business Days	4 hours Zone 1
	1			Zone 2: Eight (8) Business Days	4 hours Zone 2
<u> </u>		25 or more Circuits	192 Hours	ICB	4 hours

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Unbundled Dedicated Interoffice Transport (UDIT,					
Rearrangements and UCCRE)					
DS1		1 to 8 Circuits	48 Hours	Zone 1: Five (5) Business Days	4 hours Zone 1
				Zone 2: Eight (8) Business Days	4 hours Zone 2
		9 to 16 Circuits	48 Hours	Zone 1: Six (6) Business Days	4 hours Zone 1
				Zone 2: Nine (9) Business Days	4 hours Zone 2
	17 to 24 Circuits	48 Hours	Zone 1: Seven (7) Business Days	4 hours Zone 1	
				Zone 2: Ten (10) Business Days	4 hours Zone 2
L		25 or more Circuits	192 Hours	ICB	4 hours

Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Guidelines
	1 to 3 Circuits	48 Hours	Zone 1: Seven (7) Business Days	4 hours Zone 1
			Zone 2: Nine (9) Business Days	4 hours Zone 2
	4 or more Circuits	192 Hours	ICB	4 hours
	1 or more Circuits	ICB	ICB	4 hours
		4 or more Circuits	4 or more Circuits 192 Hours	Days Zone 2: Nine (9) Business Days 4 or more Circuits 192 Hours ICB

Unbundled Services

Product Unbundled Dark	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Fiber (UDF) Initial Records Inquiry (IRI) (simple & complex)		Per Route	N/A	Ten (10) Business Days	N/A
Field Verification And Quote Preparation (FVQP)		Per Route	N/A	Twenty (20) Business Days	N/A
Provisioning (non- FVQP requests)		Per Route	ICB	Twenty (20) Business Days	
N.A. C. IS CYTEC					

Note: Specific CLEC contract language, if different, would take precedent for UDF.

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
Unbundled Network Element – Switching (UBS)	Line Side Analog With LCC already supported in requested	1 to 8 Line Port	24 hours	Zone 1: Five (5) Business Days Zone 2: Six (6) Business	24 hours Zone 1 24 hours Zone 2
	switch.	9 to 16 Line Port	24 hours	Days Zone 1: Six (6) Business Days Zone 2: Seven (7) Business	24 hours Zone 1 24 hours Zone 2
	17 to 24 Line Port	24 hours	Days Zone 1: Seven (7) Business Days Zone 2: Eight (8) Business	24 hours Zone 1 24 hours Zone 2	
		25 or more Line Port	192 hours	Days ICB	24 hours

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
UBS	Line Side Analog		24 hours manual	One (1) Business Day	24 hours OOS
(continued)		1			48 hours AS
	Addition or change of CO		20 minutes Fully		}
	Features provided on 'Feature		Electronic Flow Through		
	Exception List'		from IMA to SOP		
	Line Side Analog		24 hours manual	Three (3) Business Days	24 hours OOS
Į.					48 hours AS
	Addition or change of CO		20 minutes Fully	Colorado and Minnesota	
	Features not provided on 'Feature		Electronic Flow Through	only:	1
	Exception List'		from IMA to SOP	Two (2) Business Days	
	ISDN-BRI Line-side Port.	1 to 4 Line	48 hours	Zone 1: Seven (7) Business	24 hours Zone 1
-	With a Qwest standard	Ports	1	Days	
	configuration and LCC already				
	supported in the requested switch.			Zone 2: ICB	24 hours Zone 2
		5 or more	192 hours	ICB	24 hours
		Line Ports			

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
UBS (continued)	ISDN-BRI Line-side Port. With non standard configuration and LCC already supported in the requested switch	1 to 4 Line Ports	48 hours	Zone 1: Seventeen (17) Business Days (includes Ten (10) days for complex translations.) Zone 2: ICB	24 hours Zone 1 24 hours Zone 2
		5 or more Line Ports	192 hours	ICB	24 hours

Unbundled Services

Product	Activity/Features	Services Ordered	FOC Guidelines	Installation Guidelines	Repair Guidelines
UBS (continued)	DS1 Trunk Port	1 to 8 Digital Interface Ports	2 Business Days	Zone 1: Five (5) Business Days Zone 2: Six (6) Business Days	24 hours Zone 1 24 hours Zone 2
		9 to 16 Digital Interface Ports	2 Business Days	Zone 1: Six (6) Business Days Zone 2: Seven (7) Business Days	24 hours Zone 1 24 hours Zone 2
		17 to 24 Digital Interface Ports	2 Business Days	Zone 1: Seven (7) Business Days Zone 2: Eight (8) Business Days	24 hours Zone 1 24 hours Zone 2
		25 or more Digital Interface Ports	8 Business Days	ICB	24 hours

Last Updated: December 8, 2003